| <br> | Claims |  |
|------|--------|--|
|      |        |  |

Rejected

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 09/862,516              | NISHIOKA, KEN                           |
| Examiner                | Art Unit                                |

3629

Michael J. Fisher

(Through numeral) Cancelled

Restricted

| Non-Elected  | Α | Appeal   |
|--------------|---|----------|
| Interference | 0 | Objected |

|              |                                  | =        | Allowed  |          |               |  |              | ÷        |              |           |
|--------------|----------------------------------|----------|----------|----------|---------------|--|--------------|----------|--------------|-----------|
| Cir          | aim                              |          |          |          | _             | 201  | ,<br>        |          | _            |           |
| - 016        | 1111                             | _        |          |          | <del></del> ' | Date   | _            | 1        |              | H         |
| Final        | Original                         | 27/14/2  |          |          |               |  |              |          |              |           |
|              | 1                                | V        |          |          | Г             | $\vdash$   |              |          |              |           |
| $\vdash$     | 2                                | Ť        |          |          |               |  | $\vdash$     |          |              | $\vdash$  |
| <u> </u>     | 2                                | H        | _        |          |               | ┢  | ⊢            | $\vdash$ |              | $\vdash$  |
| ├            | 4                                | H        |          |          |               | $\vdash$   | _            | -        |              | $\vdash$  |
|              | -                                |          |          | -        | <b></b> -     | <del> </del>                                     | <del> </del> |          |              | $\vdash$  |
|              | 1<br>2<br>3<br>4<br>5<br>6       |          | _        | H        | $\vdash$      | -  |              |          | -            | $\vdash$  |
|              | 0                                |          | _        | _        | _             | <u> </u>   |              |          |              | $\square$ |
|              | 7                                | V        |          |          |               | _  | <u> </u>     | <u> </u> | L.           | -         |
|              | 8                                | Ш        |          | <u> </u> |               | <u> </u>   | _            | L_       |              | Ш         |
|              | 9                                | '        |          |          |               |  |              |          |              | Ш         |
|              | 10                               | L        |          |          |               |  |              |          |              | Ш         |
|              | 11                               | V        | L        |          | L             |  | L            | L        | L            |           |
|              | 12<br>13<br>14<br>15<br>16<br>17 | 1        |          |          |               |  | I            |          | I -          |           |
|              | 13                               | T        | <u> </u> |          |               |  |              |          |              |           |
|              | 14                               | П        |          |          | Т             | $\Box$   |              |          |              | П         |
|              | 15                               |          |          |          | $\vdash$      |  |              |          |              | П         |
|              | 16                               |          |          | ┢        |               |  |              |          |              | П         |
|              | 17                               |          |          | $\vdash$ |               | _  | _            | -        | -            | $\vdash$  |
|              | 18                               | Ė        | $\vdash$ |          |               | $\vdash$   |              | ┝        |              | H         |
| <del> </del> | 19                               | H        | $\vdash$ | H        | $\vdash$      | ┢  | $\vdash$     | $\vdash$ |              | Н         |
| _            | 20                               |          | $\vdash$ | $\vdash$ | $\vdash$      | -  |              |          |              | $\vdash$  |
|              | 21                               |          |          |          |               | ├─   | $\vdash$     | $\vdash$ |              | Н         |
| <u> </u>     | 22                               |          | $\vdash$ |          | <u> </u>      |  | <u> </u>     | _        |              | Н         |
|              | 22                               | _        |          | -        | _             | -  | _            |          | <u> </u>     | Н         |
|              | 23<br>24                         | Ш        | _        | _        |               |  | _            |          | _            | <u> </u>  |
|              | 24                               |          |          |          | <u> </u>      | <u> </u>   | <u> </u>     | <u> </u> | <u> </u>     | Ш         |
| <u> </u>     | 25                               |          |          | ļ        | _             | <u> </u>   |              | _        | _            | Ш         |
| <u> </u>     | 26<br>27                         | _        |          | _        |               | _  |              | _        |              | Ш         |
|              | 27                               |          |          |          |               |  |              |          |              | Щ         |
|              | 28                               |          |          |          |               |  |              | _        | <u> </u>     | Щ         |
|              | 29                               |          |          |          |               |  |              |          |              |           |
|              | 30                               |          |          |          |               |  |              |          |              | Ш         |
|              | 31                               |          |          |          |               |  |              |          |              |           |
|              | 32                               |          |          |          |               |  |              | Ĺ        | L            |           |
|              | 33                               |          |          |          |               |  |              |          |              |           |
|              | 34                               |          |          |          |               |  |              |          |              |           |
|              | 35                               |          |          |          |               |  |              |          |              | П         |
|              | 36                               |          |          |          |               |  |              |          |              | П         |
|              | 37                               |          |          |          |               | $\vdash$   |              |          |              | П         |
|              | 38                               |          |          |          |               |  | П            | _        | $\vdash$     | $\vdash$  |
|              | 39                               |          |          |          | Ι             | <del>                                     </del> | _            | $\vdash$ | $\vdash$     | $\vdash$  |
|              | 40                               | Н        | $\vdash$ | Т        | _             | _  | _            | $\vdash$ | $\vdash$     | H         |
| <del></del>  | 41                               | Н        |          | Н        |               |  |              |          | $\vdash$     | Н         |
|              | 42                               | Н        |          |          |               | $\vdash$   | Н            | $\vdash$ | $\vdash$     | Н         |
|              | 43                               | $\vdash$ |          |          | Н             | $\vdash$   | H            |          |              | H         |
|              | 44                               | $\vdash$ | -        | -        | -             | $\vdash$   | $\vdash$     | -        | <del> </del> | $\vdash$  |
|              | 45                               | $\vdash$ |          |          |               | $\vdash$   | H            | -        | -            | $\vdash$  |
|              | 46                               | $\vdash$ |          | -        | -             | <del> </del>                                     | _            | $\vdash$ | <u> </u>     | Н         |
|              | 47                               | $\vdash$ |          | $\vdash$ | $\vdash$      | $\vdash$   | -            | -        | -            | $\vdash$  |
|              |                                  | $\vdash$ | _        | H        | H             | $\vdash$   | H            | H        | -            | Н         |
| <u> </u>     | 48                               | _        |          | _        | _             | -  | -            | $\vdash$ | L            | Ш         |

| Cla      | im                                     | Date     |          |          |          |          |          |          |     |               |
|----------|--|----------|----------|----------|----------|----------|----------|----------|-----|---------------|
| - 016    |  |          |          |          |          |          |          |          |     |               |
| Final    | Original                               |          |          |          |          |          |          |          |     |               |
|          | 51<br>52<br>53<br>54                   |          |          |          |          |          |          |          |     |               |
| <u> </u> | 52                                     | <u> </u> | <u> </u> |          |          | _        | _        |          | _   |               |
| <u> </u> | 53                                     | <u> </u> | _        |          |          | <u> </u> | <u> </u> | <u> </u> | L., |               |
|          | 54                                     | _        | _        |          |          |          | L        |          |     |               |
| ļ        | 55<br>56                               |          |          |          | <u> </u> |          |          |          |     |               |
|          | 56                                     |          | L        |          |          | _        |          |          |     |               |
|          | 57                                     |          |          | _        |          |          |          |          |     |               |
|          | 58<br>59                               |          |          | L        |          |          |          |          |     |               |
|          | 59                                     |          |          |          |          |          |          |          |     |               |
|          | 60                                     |          |          |          |          |          |          |          |     |               |
|          | 61                                     |          |          |          |          |          |          |          |     |               |
|          | 62                                     |          |          |          |          |          |          |          |     |               |
|          | 63<br>64                               |          |          |          |          |          |          |          |     |               |
|          | 64                                     |          |          |          |          |          |          |          |     |               |
|          | 65                                     | Γ        |          |          |          |          |          |          |     |               |
|          | 66                                     |          | $\Box$   |          |          |          |          |          |     |               |
|          | 67                                     |          |          |          |          |          |          |          |     |               |
|          | 68                                     |          |          |          |          |          |          |          |     |               |
| 1        | 69<br>70                               |          |          |          |          |          | $\Box$   |          |     |               |
|          | 70                                     |          |          |          |          | _        |          |          |     |               |
|          | 71                                     | Г        |          |          |          |          |          |          |     |               |
|          | 72                                     |          |          | $\vdash$ |          |          |          | $\Box$   |     |               |
|          | 73                                     | ┰        | -        | $\vdash$ |          |          |          |          |     |               |
| <u> </u> | 74                                     | _        | $\vdash$ | $\vdash$ |          |          | Т        |          | -   |               |
|          | 71<br>72<br>73<br>74<br>75<br>76<br>77 |          |          |          |          |          | _        | -        |     | _             |
|          | 76                                     |          |          | _        |          |          |          |          |     |               |
|          | 77                                     | $\vdash$ |          | $\vdash$ |          |          |          |          |     |               |
|          | 78                                     |          |          |          |          |          |          | П        |     |               |
|          | 79                                     | П        |          |          |          |          |          |          |     |               |
|          | 80                                     |          |          |          |          |          |          |          |     |               |
|          | 81                                     |          |          |          |          |          |          |          |     |               |
|          | 82                                     |          |          |          |          | _        |          |          |     |               |
|          | 83                                     |          |          |          |          |          |          |          |     |               |
|          | 84                                     |          |          |          |          |          |          |          |     |               |
|          | 85                                     | Г        |          | Г        |          |          |          |          |     |               |
|          | 86                                     |          |          |          |          |          |          |          |     | _             |
|          | 87                                     |          |          |          |          |          |          |          |     |               |
|          | 88                                     |          |          |          |          |          |          |          |     |               |
|          | 89                                     | Г        |          |          |          |          |          |          |     |               |
|          | 90                                     |          |          |          |          |          |          | П        |     |               |
|          | 91                                     |          |          |          |          |          |          |          |     |               |
|          | 92                                     | Г        |          |          |          |          |          |          |     |               |
|          | 93                                     |          |          |          |          | П        |          |          |     | $\overline{}$ |
|          | 94                                     | _        |          |          |          |          |          |          |     |               |
|          | 95                                     | Г        |          |          |          |          |          | _        |     | П             |
|          | 96                                     |          |          |          |          |          |          |          |     |               |
|          | 97                                     |          |          |          |          |          |          |          |     |               |
|          | 98                                     |          |          |          |          |          |          |          |     |               |
|          | 99                                     |          |          |          |          |          |          |          |     |               |
|          | 100                                    |          |          |          |          |          |          |          |     |               |
|          |  | _        | _        |          | _        | _        |          |          |     |               |

|       | ı                 | Ь  | ·            |   |          |  |          |          | J        |                        |
|-------|-------------------|--|--------------|---|----------|--|----------|----------|----------|------------------------|
| Cla   | Date              |  |              |   |          |  |          | $\neg$   |          |                        |
| Final | Original          |  |              |   |          |  |          |          |          |                        |
|       | 101               |  | Г            | _   |          | _  |          |          |          | $\Box$                 |
|       | 102               |  |              |   |          |  |          |          |          |                        |
|       | 103               |  | _            | $ldsymbol{ld}}}}}}$ | <u> </u> | _  |          |          |          |                        |
|       | 104<br>105        | _  |              |   |          | <u> </u>   |          |          |          | Щ                      |
|       | 105               | _  |              |   |          | <u> </u>   |          |          | H        | Н                      |
|       | 106<br>107        | -  | <del> </del> | $\vdash$  | <u> </u> | ├  | $\vdash$ |          |          | Н                      |
|       | 108               | -  |              | -   | -        |  | -        | $\vdash$ |          | Н                      |
|       | 109               | -  | -            |   |          |  |          | -        |          | Н                      |
|       | 110               |  | _            |   |          | _  |          |          |          | H                      |
|       | 111               |  |              |   |          |  |          |          |          | П                      |
|       | 112               |  |              |   |          |  |          |          |          |                        |
|       | 113<br>114        |  |              |   |          |  |          |          |          |                        |
|       | 114               | <u> </u>   | _            |   |          |  |          | _        |          | Ш                      |
|       | 115               | <u> </u>   | _            |   |          | <u> </u>   |          | _        |          | -                      |
|       | 116<br>117        | -  |              |   |          |  |          | _        |          | Н                      |
|       | 118               | _  | $\vdash$     | H   |          | ┝  | -        |          |          | Н                      |
|       | 118<br>119        |  | $\vdash$     |   | _        | H  | -        |          |          | Н                      |
|       | 120               | 1  |              |   |          |  |          |          |          | Н                      |
|       | 121               |  |              |   |          |  |          |          |          | П                      |
|       | 122               |  |              |   |          |  |          |          |          |                        |
|       | 121<br>122<br>123 |  |              |   |          |  |          |          |          |                        |
|       | 124<br>125        | _  | _            |   |          | L_   | _        |          |          | Щ                      |
|       | 125               | _  | <u> </u>     |   |          | _  |          |          |          | -                      |
|       | 126               | H  | _            | $\vdash$  |          | <u> </u>   |          |          |          | -                      |
|       | 127<br>128        |  | $\vdash$     | $\vdash$  | _        | $\vdash$   |          |          | $\vdash$ | $\vdash$               |
|       | 129               | -  | -            | -   |          | -  | _        |          | $\vdash$ | Н                      |
|       | 129<br>130        | <del>                                     </del> |              | -   | _        | $\vdash$   |          |          |          | $\vdash$               |
|       | 131               |  |              |   | _        | Г  |          | _        |          | П                      |
|       | 132<br>133        |  |              |   |          |  |          |          |          |                        |
|       | 133               |  |              |   |          |  |          |          |          |                        |
|       | 134               |  |              |   |          | _  |          |          | <u> </u> |                        |
|       | 135<br>136        | L  |              |   |          | L  |          |          | $\vdash$ | -                      |
|       | 136               | $\vdash$   | _            |   | _        | -  | _        | _        | -        | -                      |
|       | 138               |  |              |   | -        | -  |          |          | -        | _                      |
|       | 139               |  | -            | <del> </del>  |          | -  | _        |          | $\vdash$ |                        |
|       | 140               | -  | _            |   | -        | <del>                                     </del> | _        |          |          |                        |
|       | 141               |  |              |   |          |  |          |          |          |                        |
|       | 142               |  |              |   |          |  |          |          |          |                        |
|       | 143               |  |              |   |          |  |          |          |          |                        |
|       | 144               | $\vdash$   | _            |   | L        | <u> </u>   | L        |          |          | Щ                      |
|       | 145               |  | _            | _   | _        | ļ  | $\vdash$ |          | $\vdash$ | $\sqcup$               |
|       | 146<br>147        |  | <u> </u>     |   | <u> </u> | <del> </del>                                     |          |          |          | $\vdash$               |
| -     | 148               | -  | $\vdash$     | $\vdash$  | -        | <del> </del>                                     |          |          | $\vdash$ | $\vdash \vdash \mid$   |
|       | 149               |  | -            | $\vdash$  | -        | $\vdash$   | -        | _        | $\vdash$ | $\vdash \vdash \vdash$ |
|       | 150               |  |              |   |          | Ι-   | $\vdash$ | _        |          | -                      |
|       | •                 |  |              |   |          |  |          |          |          |                        |

49